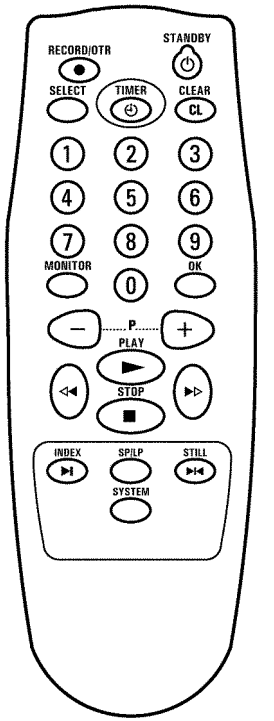
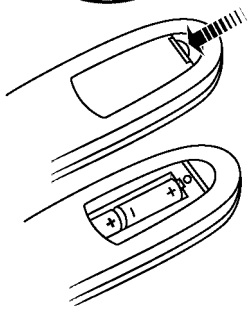
OPERATING INSTRUCTIONS IN BRIEF

The remote control





RECORD/OTR ● Record

STANDBY ⏻ Standby

SELECT Function selector

TIMER ⏲ 'VIDEOPlus' or 'TIMER' programming

CLEAR (CL) Reset, clear

0-9 Digit buttons 0-9

MONITOR TV monitor function

OK Confirm button

P − Down/Minus, programme number

P + Up/Plus, programme number

PLAY ► Playback

◁◀ Rewind/Reverse scanning

▶▷ Forward wind/ Forward scanning

STOP ■ Pause/Stop, Tuner-mode

INDEX ▶I Index search

SP/LP (SP/LP) selection

STILL ▶I◀ Still picture

SYSTEM Special function

Front of the set

STANDBY ⏻ Standby

− Down/Minus, programme number

+ Up/Plus, programme number

RECORD ◉ Record

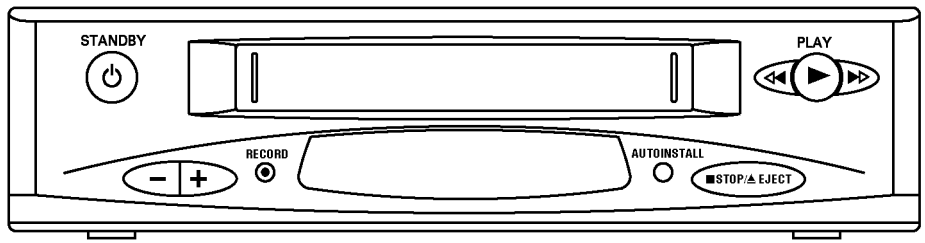
AUTOINSTALL Installation

■STOP/▲ EJECT Stop/Cassette eject

◁◀ Rewind/Reverse scanning

PLAY ► Playback

▶▷ Forward wind/ Forward scanning



Programming with 'VIDEOPlus+'

All the information required for a programming is contained encoded in the VIDEOPlus+ code.

1. Switch on the TV set.
2. Press the TIMER button on the remote control.
3. Please enter the VIDEOPlus+ -code (up to 9 digits) printed in your TV guide next to the start time of a TV programme.
   If you make a mistake, clear with the CLEAR (CL) button.
4. If you want to programme at daily or weekly intervals, press the SELECT button until 'D-DAILY' (daily intervals) or 'W-WEEKLY' (weekly intervals) appears in the display. The 'daily intervals' function can only be used for recordings to be made from Mondays to Fridays inclusive.
5. Confirm the entries with the OK button . The resultant data appears on the TV screen.

Note: If you use VIDEOPlus+ for the first time for this TV channel, the 'SELECT PROG' line appears when you confirm the VIDEOPlus+ code. Select and confirm the programme number for this particular TV programme.
* Switch 'PDC' (V/P) on or off with the SELECT button.
* If you wish to set a later end time for a recording, press the P+ button at step 5. With each press on the P+ button you add 15 minutes to the time.
* If e.g.: '20:00' appears in the display, please set the clock.

6. Finally, press the OK button. Programming is now complete.
   The data has been stored in a TIMER block.
7. Make sure that a cassette without erase protection has been loaded. Switch to standby with the STANDBY button.
   A programmed recording will only function when the video recorder is **switched to standby** with the STANDBY button.

How to programme a recording manually

1. Switch on the TV set. Press the TIMER button **twice**.
2. Select a free TIMER block. Press the TIMER button.

```
DATE PROG START V/P END

01    01  20:00    21:30




-----------------------
NEXT   →TIMER CLEAR  →CL
-/+  0-9  D/W→SELECT  OK
```

3. With the TIMER button you choose between the entries 'DATE' (date), 'PROG' (programme number), 'START' (start time) and 'END' (stop time).
   You can enter or adjust data. Confirm each entry with the TIMER button.
   You can switch 'PDC' (V/P) on and off at step 'START' with the SELECT button.
   You can select between 'D' (daily intervals) or 'W' (weekly intervals) at step 'DATE' with the SELECT button.
4. Finally, press the OK button. Programming has now been completed.
5. Make sure that a cassette without erase protection has been loaded. Switch to standby with the STANDBY button.
   A programmed recording will only function when the video recorder is **switched to standby** with the STANDBY button.

Note:
*** Clear a TIMER-block:** At step 1 select the TIMER block you want to clear. Press the CLEAR (CL) button.
* If e.g.: '20:00' appears in the display, the clock must be set.

OPERATING INSTRUCTIONS PHILIPS VR 675

UK

Congratulations on the purchase of one of the most sophisticated and simple-to-use video recorders (VCR) on the market. With this VCR you can record and play VHS-standard cassettes.

VHS

Please take the time to read this operating manual before using your video recorder.

Safety instructions and other notes

- Danger: High voltage! Do not open. The set does not contain any components that can be repaired by the customer. When the appliance is connected to the power supply there are some components that are constantly operational. To switch off the set completely you must disconnect it from the power supply.
- Note that this power pack is designed for a power supply of 220-240V/50Hz.
- Ensure that air can circulate freely through the ventilation slots on the set.
- Ensure that no objects or liquids enter the set. If liquid is spilt into it, disconnect the set immediately from the power supply and call the After-sales Service for advice.
- The set should not be used immediately after transportation from a cold to a hot area or vice versa, or in conditions of extreme humidity.
  After unpacking the set, it should be allowed to acclimatize for at least three hours before installation.
- These operating instructions have been printed on nonpolluting paper.
- Deposit old batteries at the relevant collection points.
- Please make use of the facilities available in your country for disposing of the packaging of the set in a way that helps to protect the environment.
- This electronic equipment contains many materials that can be recycled. Please inquire about the possibilities for recycling your old set.
- VIDEOPlus+ and PlusCode are trademarks of Gemstar Development Corporation. The VIDEOPlus+ system is manufactured under licence from Gemstar Development Corporation.

VIDEO Plus+

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1. INSTALLATION

Important for the United Kingdom

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

- Remove fuse cover and fuse.
- Fix new fuse which should be a BS1362 3A, A.S.T.A. or BSI approved type.
- Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place. If the mains plug contains a fuse, this should have a value of 3A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

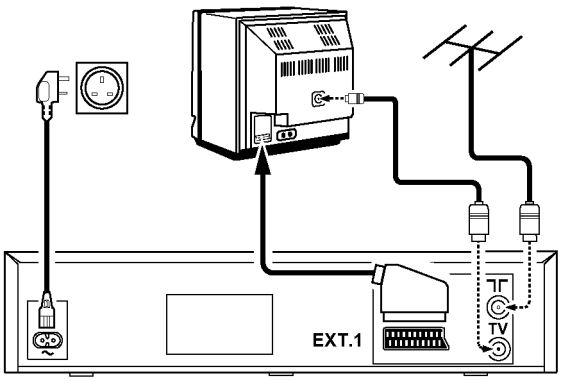
Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

How to connect a plug: The wires in the mains lead are coloured in accordance with the following code: BLUE - 'NEUTRAL' ('N') BROWN - 'LIVE' ('L')

- The BLUE wire must be connected to the terminal which is marked with the letter 'N' or coloured BLACK. The BROWN wire must be connected to the terminal which is marked with the letter 'L' or coloured RED.
- Do not connect either wires to the earth terminal in the plug which is marked with the letter 'E' or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

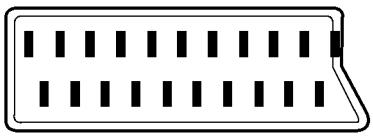
Connecting cables



1. Remove the aerial cable plug from your TV set and insert it into the socket at the back of the video recorder.

2. Plug one end of the aerial cable provided into the TV socket on the video recorder and the other end into the aerial input socket on your TV set.

3. If your television **does not have a scart (AV-Euro) socket** please **do not read further here**, but turn to Chapter 4, 'SPECIAL FEATURES'. In the section 'Playback via the aerial cable' you will find further information.



4. Insert the plug of a scart cable into the scart socket EXT.1 at the back of your video recorder. Connect the other plug to the TV set.

5. Insert the female plug of the mains cable into the mains socket ~ at the back of the video recorder.

6. Plug the other end of the mains cable into the wall socket.

Important notes for operation

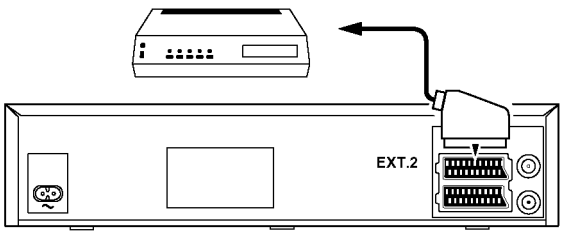
- Many televisions switch **automatically** to the 'EXT' (**EXT**ernal) or 'AV' (**A**udio/**V**ideo) programme number when a video cassette is played back.
  If the television does not switch automatically, you will have to select the 'EXT', '0', or 'AV' programme number on the TV set manually.
- Keep your video recorder connected to the mains and the power switch in 'on' position at all times to ensure that programmed recordings can be made and that the television functions normally. The power consumption required is low.
- The video recorder switches on automatically as soon as you insert a cassette or press the P+ button.
- If the video recorder is not used for a few minutes in some functions, it switches to standby automatically.
- Back-up power supply: TV channel storage - typically 1 year, Clock/Timer - 30 minutes

Saving energy

You can choose between two methods of switching to standby.
1. Normal method - switch to standby using the STANDBY ⏻ button. The clock time remains displayed. If the clock has not been set, '--:--' appears in the display.
2. To save energy - Press the STANDBY ⏻ button twice. The clock time disappears from the display.

Connecting additional equipment

You can also connect additional equipment to the EXT.2 socket, for instance, satellite receiver, decoder or camcorder.

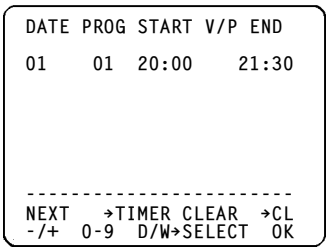


Emergency interrupt

Both the set and the remote control have an 'Emergency interrupt' button. You can use the STANDBY ⏻ button to interrupt any function.
Whenever you have operating problems you can simply interrupt the function and start again.
You can practise operating your set without any worries.
No matter which buttons you press, you cannot damage it.

User guide

With OSD (On Screen Display) the corresponding functions appear on the TV-screen. The most important button-functions are displayed at the bottom of the screen.



In all of the sections to come, use the following buttons for these functions: `Select´, `Enter´/´Adjust´, `Confirm´.

Select: Use the P− or the P+ button.

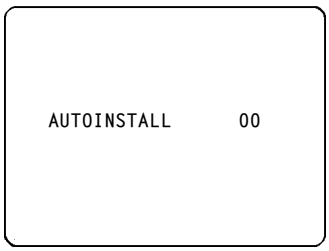
Enter/Adjust: Use the P− or the P+ button, or the 0-9 buttons.

Confirm: Use the OK button.

Autoinstall

The video recorder will search for all TV programmes. It stores TV programmes found in the following sequence: BBC 1, BBC 2, ITV, CH 4, CH 5, SKY, others.

1. Press the AUTOINSTALL button on the videorecorder. If TV channels have already been stored, select and confirm the 'AUTOINSTALL' line.
2. 'AUTOINSTALL' starts.



3. Wait until all TV channels have been found. This can take several minutes.
4. Autoinstall is now complete. Date and clock information have been set.

If the clock time flashes in the display (e.g.:'20:00), read on in the next section from step 3 onward.

How to search for a TV channel manually, you read in chapter 4 'SPECIAL FEATURES', the section about 'Manual channel search'.

Note:
* If a TV channel transmits a 'TV channel name' (e.g. 'BBC1'), it appears in the display.

Setting the clock

If a television programme which transmits TXT/PDC is stored with programme number 'P 01' , time (from TXT) and date (from PDC) will automatically be taken from the TXT/PDC information.

1. Press the AUTOINSTALL button on the videorecorder.
2. Confirm the line 'CLOCK' .
3. Adjust 'TIME' , 'YEAR' , 'MONTH' , 'DATE' if required.
4. Confirm each entry.

Automatic Channel Allocation FOLLOW TV

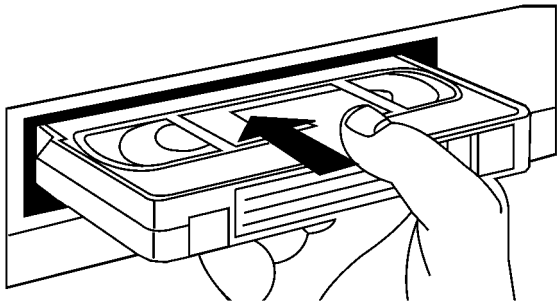
With this function the video recorder maintains the same programme sequence as on the TV set. This only functions if the video recorder (socket EXT.1) and the TV set are **connected via a scart cable**.

1. Switch on the TV set.
2. Press the AUTOINSTALL button on your video recorder.
3. Select the line 'FOLLOW TV' and confirm with the OK button.
   If the video recorder recognizes that the TV set has been connected via a scart cable, 'TV01' appears in the display.
4. Select programme number '1' **on the TV set** .
5. Confirm using the video recorder-remote control. The video recorder compares the TV channels on the TV set and the video recorder.
   If the video recorder found the same TV channel as the TV set, then it stores it at 'P 01' .
6. Wait until e.g.: 'TV02' appears in the display.
7. Select, **on the TV set** , the next programme number, e.g.: '2'.
8. Confirm with the video recoder-remote control.
9. Repeat steps 6 to 8 until all TV channels have been allocated.
   To finish, press the STANDBY ⏻ button.

Note: If, at step 3 'NOTV' (no signal from TV set) appears in the display, the TV channels can not be allocated automatically. Then read further in chapter 4, section 'Manual channel number allocation'.
* If you allocated the wrong TV-channel at step 5 or 8 you can go back one step with the CLEAR (CL) button.

2. PLAYBACK

1 Insert the cassette into the cassette slot.

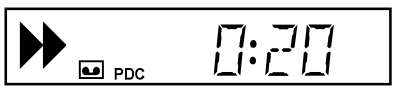


2 Press the playback button PLAY ►.

3 **Picture scanning:** Press the ◁◀ (reverse) or ▶▷ (forward) button once or several times.

4 **Interrupt:** Press the STOP ■ button.

5 **Wind and rewind:** Interrupt the playback function and press the ◁◀ (rewind) or ▶▷ (wind) button.



If, during wind/rewind, you want to have a quick access to picture scanning, use the 'Instant View' function.

6 **INSTANT VIEW:** If you hold the ◁◀ (Rewind) or ▶▷ (Wind) button during wind or rewind, you will switch to picture scanning. If you release the buttons, the video recorder will automatically switch back to rewind or wind again.

7 **Eject a cassette:** Interrupt the playback function and press the ■STOP/▲ EJECT button on the video recorder.

Notes: Some functions switch off automatically after a while (e.g.: Pause, Still Picture, Scanning). This helps to protect the cassette and prevent unnecessary power consumption.
* The picture quality will deteriorate during Picture Scanning. The sound is turned off.
* With this set you can play back cassettes that have been recorded on other video recorders in the NTSC standard. This only works for television sets which are suitable for a picture frequency of 60 Hz.
During NTSC-play back some special features (e.g. still picture) are not possible.

Still picture/Slow motion

1 Press the STILL ▶I◀ button. A still picture appears on the screen.

2 Each time you press STILL ▶I◀ again the picture will move on one step.

3 Hold the STILL ▶I◀ button. The picture will be played in super-slow motion.

4 Press the ▶▷ button several times. You have a choice of several playback speeds. When you press the ◁◀ button several times you will return to the still picture. There is no sound during slow motion playback.

Note: If the still picture vibrates vertically, hold the P− or the P+ button at step 1 until the vibration is minimal. This setting will be stored automatically. Please note, however, that interference may still occur with poor quality cassettes.

Tape position/Index search

Tape position: The elapsed playback time, given to the hour and minute, appears in the display.
When you load a cassette, the video recorder must first calculate the playing time. Therefore, '-:--' appears first and only after the tape has been running for a few seconds the playing time will be shown.
The playback time displayed can be incorrect when using camcorder cassettes or with cassettes made for NTSC-VHS equipment.

Index search: At the beginning of each recording, the video recorder marks the tape with a code mark. You can search for these code marks on the tape. Once the video recorder finds the code mark or a blank space it will automatically switch to playback.

1 Press the INDEX ▶I button and then press the ▶▷ button to select the next code mark or the ◁◀ button for the previous code mark.

Note: You cannot use the function 'Index search' with recordings made on another video recorder that does not have this code mark function.

Eliminating picture interference/ Cleaning function

1. During playback, hold the P+ button until 'TRAC' (tracking) appears in the display.

2. Hold the P+ or P− button until the playback quality is at its best.

3. Wait a few seconds, until 'TRAC' disappears from the display. This setting will remain until you remove the cassette.

4. If horizontal lines still appear on the screen, use the Cleaning function:

Cleaning function: During playback, hold the PLAY► button until 'HEAD' (video head cleaning) appears in the display. The video heads are being cleaned. The video recorder automatically switches back to playback.

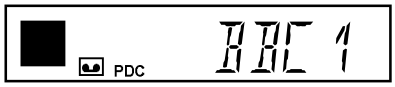
Note: Some hired cassettes may have a poor picture/sound quality. This is not a fault in your set.

3. RECORDING

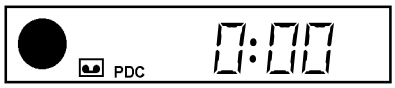
UK

1. Insert a cassette or switch the video recorder on with the P+ button.

2. Use the P− or P+ button or the 0-9 buttons to select the programme number from which you wish to record, e.g. 'P 01' .



3. Press the RECORD ◉ button.



4. To stop recording, press the STOP ■ button.

Long play function

You can reduce the recording speed by half. This makes it possible to record, for example, 8 hours instead of 4 hours on an 'E240' cassette.

Before recording, with the video recorder switched on, select the 'LP' (=**L**ong**P**lay) recording speed by pressing the SP/LP button. 'LP' will appear in the display.

Note: During picture scanning, still picture and slow motion colour playback may be poor.
* You will obtain the best picture quality when recording at standard speed ('SP').

Some general notes for recording

- **Recording from external sources:** Programme numbers 'E1' and 'E2' are provided for recording from external sources (via the EXT.1 or EXT.2 scart socket).

- **OTR - recording:** If you do not want to record to the end of the cassette, press the RECORD ◉ button again. The display shows at what time the recording will stop. With each subsequent press of the RECORD ◉ button you can add 30 minutes to this time.
  You can return to the normal recording status by pressing the CLEAR (CL) button.

- **Stereo reception:** This video recorder can record stereo transmissions. The playback of HiFi recordings has HiFi quality.

- **Erase protection:** So that you don't accidentally delete an important recording, you can remove the special tab (erase protection) on the narrow side of the cassette with a screwdriver or slide the special tab to the left.
  Later, if you no longer want the cassette to be erase protected, you can seal the gap again with adhesive tape or slide the special tab to the right.

- **Auto-assembling:** You can use the auto-assembling function to join individual recordings without any major picture disturbance between the recordings. During playback, search for the correct position on the tape and then press the ■STOP/⏏ EJECT button. ⏸ will appear in the display. Now you can start recording as usual by pressing the RECORD ◉ button.
  During Stop ■ or Pause ⏸ you can switch between the display for TV-channel name and tape position, using the OK button.

How to programme a recording

The video recorder needs the following information for every programmed recording:

* the date on which the recording is to be made
* the programme number for the TV channel
* the start and stop time of the recording
* 'PDC' on or off

The set stores all the information mentioned above in what is known as a TIMER block. You can programme up to 6 TIMER blocks, one month in advance.

With **'PDC'** (Programme Delivery Control), the TV station controls the beginning and the length of the programmed recording. This means that the video recorder switches itself on and off at the **right time** even if a TV programme you have programmed begins earlier or finishes later than expected.
Usually the start time is the **same** as the PDC time code.
If, however, in the TV guide, in addition to a TV programme's start time, a different PDC time is given, e.g.: '20.15 (PDC 20.14)', you have to enter '20.14' as the start time **exactly to the minute**.
If you want to enter a time that differs from the PDC time, you have to switch off 'PDC'.

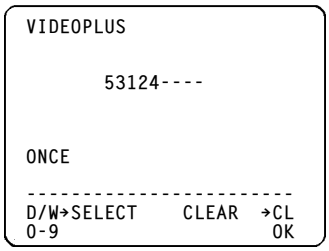
Programming with 'VIDEOPlus+'

All the information required for a programming is contained encoded in the VIDEOPlus+ code.

1. Switch on the TV set.

2. Press the TIMER button on the remote control.

3. Please enter the VIDEOPlus+ code (up to 9 digits) printed in your TV guide next to the start time of a TV programme.
   If you make a mistake, clear with the CLEAR (CL) button.



4. If you want to programme at daily or weekly intervals, press the SELECT button until 'D-DAILY' (daily intervals) or 'W-WEEKLY' (weekly intervals) appears on the TV screen. The 'daily intervals' function can only be used for recordings to be made from Mondays to Fridays inclusive.

5. Confirm the entries with the OK button. The resultant data appear on the TV screen.

Note: If you use VIDEOPlus+ for the first time for this TV channel, the 'SELECT PROG' line appears when you confirm the VIDEOPlus+ code. Select and confirm the programme number for the TV programme required.
* Switch 'PDC' (V/P) on or off with the SELECT button.
* If you wish to set a later end time for a recording, press the P+ button at step 5. With each press on the P+ button you add 15 minutes to the time.
* If e.g.: '20:00' appears in the display, please set the clock.

6. Finally, press the OK button. Programming is now complete.
   The data has been stored in a TIMER block.

7. Make sure that a cassette without erase protection has been loaded. Switch to standby with the STANDBY button.
   A programmed recording will only function when the video recorder is **switched to standby** with the STANDBY button.

Note:
* VIDEOPlus+ Aerial-code numbers: With this set, VIDEOPlus+ aerial-code numbers will be allocated automatically.

Programming recordings manually

1. Switch on the TV set. Press the TIMER button **twice**.

2. Select a free TIMER block. Press the TIMER button.

3. With the TIMER button you can select between the entries 'DATE' (date), 'PROG' (programme number), 'START' (start time) and 'END' (stop time).
   You can enter or adjust data. Confirm each entry with the TIMER button.
   You can switch 'PDC' (V/P) on and off at step 'START' with the SELECT button.
   You can select between 'D' (daily intervals) or 'W' (weekly intervals) at step 'DATE' with the SELECT button.

4. Finally, press the OK button. Programming has now been completed.

5. Make sure that a cassette without erase protection has been loaded. Switch to standby with the STANDBY button.

Note:
* **Clear a TIMER block:** At step 1 select the TIMER block that you want to clear. Press the CLEAR (CL) button.
If e.g.: '20:00' appears in the display, the clock must be set.

Important programming notes

- When recordings have been programmed, ⏲ appears in the display.
- The programmed recording will always be made at the recording speed (SP/LP) that **at the time** has been selected on the video recorder.
- You cannot operate the set manually while a programmed recording is being made. If you want to interrupt the programmed recording, press the STANDBY ⏻ button.
- If the video recorder is switched on a few minutes before a programmed recording is due to take place, 'TIMER RECORD' will flash on the TV screen.
- If the end of the cassette is reached during a programmed recording, the video recorder automatically ejects the cassette.
- If you forget to load a cassette, after programming the recording, 'NO CASSETTE' will appear on the TV screen for a few seconds.
- If you insert a cassette with erase protection, after programming the recording, 'PROTECTED CASSETTE' will appear on the TV screen for a few seconds.
  The cassette will then be ejected.
- When all TIMER blocks have been programmed, 'TIMER FULL' appears on the TV screen at step ❶.
- If 'CODE ERROR' appears on the TV screen, the VIDEOPlus+ code was incorrect or the date was incorrectly entered. Repeat the entry or end with the STANDBY ⏻ button.
  With programming at daily intervals, the first recording must take place within a week.
- If 'DAILY ERROR' appears on the TV screen, the date was incorrectly entered. Programming at daily intervals can only be used for recordings to be made from Mondays to Fridays inclusive.
- Programme numbers 'E1' and 'E2' are provided for programmed recordings from external sources (via the EXT.1 or EXT.2 scart socket).

4. SPECIAL FEATURES

Tuner mode

You can also use your video recorder as a TV receiver (tuner).

1. Hold the STOP ■ button, until [] appears in the display.
2. Choose the required programme number with the P − or P + button or with the 0-9 buttons.
3. Switch the video recorder to standby by pressing the STANDBY ⏻ button when you no longer want to watch television.

Sound track selection

You can select the sound track. This is of particular interest when the audio transmissions are multilingual.

1. Press the SELECT button. The current setting will appear in the display. By pressing the SELECT button several times you can select from the four possibilities displayed ('STEREO' ,'RIGHT' ,'LEFT' ,'MONO').

Note: During playback you can select a fifth possibility: the 'MIXED' mode. In this mode you can play back the mono sound of the normal (linear) audio track together with the sound of the stereo audio track. This can be used for playing back a recording dubbed on another video recorder.
* If there is no stereo sound recorded on the cassette, the video recorder automatically switches over to mono sound.

Externally controlled TIMER recording

Do you have another device, e.g. a satellite receiver, which can control other equipment by a Programming function? This video recorder can be remote-controlled via socket EXT.2 , by means of a scart cable.

1. Insert a cassette. Switch to standby with the STANDBY ⏻ button.
2. Hold the MONITOR button until 'REC.P' appears in the display.
3. If you want to interrupt this function **before** the recording has actually started, hold the MONITOR button until the video recorder switches to standby.
4. If you want to interrupt this function **while** a recording is being made, press the STANDBY ⏻ button.

On Screen Display (OSD)

You can switch the On Screen Display (OSD) on or off.

1. Press the AUTOINSTALL button on the video recorder.
2. Select and confirm 'OSD' .
3. Select and confirm 'ON' or 'OFF' .

Note: With the OK button you can superimpose the actual operating mode on the TV screen.

Channel number or frequency display

You can switch between the display for 'channel number' or 'frequency' for manual channel search.

1. Press the AUTOINSTALL button.
2. Select and confirm 'CHANNEL/FREQUENCY' .
3. Select and confirm 'CHANNEL' or 'FREQUENCY' .

Manual channel search

In certain cases the Automatic Channel Search may not be able to find all of the TV channels (e.g. coded TV channels). You can then use this manual method to set the channels.

1. Press the AUTOINSTALL button on the video recorder.
2. Select and confirm 'MANUAL SEARCH' .
3. Hold the P+ button until you have found the right TV channel. A changing channel number or frequency will appear on the TV screen.
4. Confirm with the OK button.
5. Select and confirm the programme number that you wish to allocate to this TV channel (e.g.: 'P 01').
6. If you want to allocate more TV channels, repeat steps 3 to 5 until all TV channels have been stored.
7. To end, press the STANDBY ⏻ button.

Note: Channel number or frequency can also be entered directly at step 3, using the 0-9 buttons.
* To enter a special/hyperband channel, first enter the channel digit '9'. The indication changes from 'CH' to 'CA'. For example, for special channel 'S 30', enter '9 30'.
* **Allocating a decoder:** If you want to allocate a decoder, press the INDEX ▶I button at step 3 until 'DEC' appears in the display.
* This video recorder can receive HI-FI sound transmissions in 'NICAM'. At step 3, you can switch 'NICAM' off or on with the SELECT button.

Manual Channel Number Allocation

You can allocate any desired programme number to the TV channels stored by the 'Automatic Channel Search'.

1. Press the AUTOINSTALL button.
2. Select and confirm 'CHANNEL ALLOCATION' .
3. Use the P− or P+ button, to select the TV channel on the TV screen, to which you wish to allocate a programme number (starting with 'P 01').
4. Confirm this allocation.
   If you wish to allocate further programme numbers, repeat step 3 and step 4 until you allocated a programme number to all the required TV channels.
5. To end press the STANDBY ⏻ button.

Note: If you want to delete an **unwanted** TV channel, press the CLEAR (CL) button at step 3.
* **Monitor function:** You can switch to and fro between TV reception and video recorder reception with the MONITOR button. This only functions when you used a scart cable to connect the video recorder to your TV set and if your TV set responds to this switch-over.

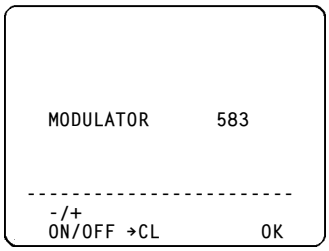
Playback via the aerial cable

If you do not wish to use a scart cable, the **aerial cable which is already connected** will act as the connection between your TV set and the video recorder. Ensure that the video recorder is connected to the mains supply.

1. Switch on your TV set and select the programme number that you have earmarked for video playback. (see operating manual for your TV set).

2. Ensure that **no** cassette has been loaded. With the video recorder **switched to standby**, hold the SYSTEM button for a few seconds until a modulator frequency e.g.: 'M583' (UHF-channel 35) appears in the display. The video recorder transmits a test picture.

3. Tune in the TV set in the UHF wave band until this picture appears.



4. Switch the video recorder on with the STANDBY ⏻ button.
   If you have interrupted making standard settings as described in Chapter 1, 'INSTALLATION', turn to that chapter to continue making the standard settings.

Note: This modulator frequency might already be occupied by another TV station in your reception area, e.g. 'Channel 5'. In this case you will find that the picture quality on your TV set will be poor when receiving one or more TV channels.

* **Adjusting the modulator frequency:** If the picture quality only deteriorates when the video recorder is switched on, adjust the modulator frequency. The frequency can be adjusted at step 2 with the P− or the P+ button. Confirm the adjusted frequency with the OK button.

* **Switching off the modulator:** If you **cannot eliminate** picture or sound interference using the above method you can switch off the built-in modulator. You should only do this if you have connected the video recorder to the TV set using a scart cable. 'Playback via the aerial cable' is **not** possible when the modulator is switched off.
At step 2, press the CLEAR (CL) button for several seconds until 'MOFF' (modulator switched off) appears in the display. You can switch back again in the same way.

Before you call an engineer

If, contrary to expectation, you experience any difficulty in operating this video recorder, it may be caused by one of the reasons mentioned below. You could also call the **customer service** in your country.
You will find the telephone numbers in the enclosed guarantee leaflet.

The set does not respond to any button being pressed:
- No power supply.
- A programmed recording is currently being made.
- Technical disturbance: disconnect from the mains for 30 seconds, then re-connect. If this does not have any effect, you can: 1. Disconnect from mains. 2. Re-connect to mains **whilst holding down** the STANDBY ⏻ button on the set. All stored data will be reset (cleared).

Cassette jammed:
- Don't use force. Pull out the mains plug for a moment.

Remote control does not operate:
- Remote control not pointed toward the set.
- Batteries are exhausted.

No playback from video recorder:
- No recording on the cassette.
- The VCR programme number on the TV set was incorrectly selected or incorrectly set.
- The connecting cable between the TV set and the video recorder has come loose.

Poor playback from video recorder:
- TV set not properly adjusted.
- Cassette badly worn or of poor quality.
- Read the section about 'How to eliminate picture disturbance' in chapter 'PLAYBACK'.

No recording possible:
- TV channel not stored or wrongly selected.
- Cassette with erase protection has been loaded.

Programmed recording does not function:
- TIMER not set properly.
- Time/date wrongly programmed.
- A cassette with erase protection has been loaded.
- 'PDC' switched on but 'PDC time' wrong. Check aerial.

Picture or sound interference on TV reception e.g. when tuned to 'CH5':
- Turn to Chapter 4 'SPECIAL FEATURES' and read in the section 'Playback via the aerial cable' the note 'Adjusting the modulator frequency' as well as the note 'Switching off the modulator'.
- Have your aerial checked.

Enter the serial number of your appliance here:

MODEL NO./TYPE VR 675

PROD.NO.:/SER.NR. . . . . .

This product complies with the requirements of the Directive 73/23/EEC + 89/336/EEC + 93/68/EEC.

Interference

The Department of Trade and Industry operates a Radio Investigation Service to help TV licence holders improve reception of BBC and ITC programmes where these are being spoilt by interference. If your dealer cannot help, ask at a Main Post Office for the booklet 'How to Improve Television and Radio Reception'.